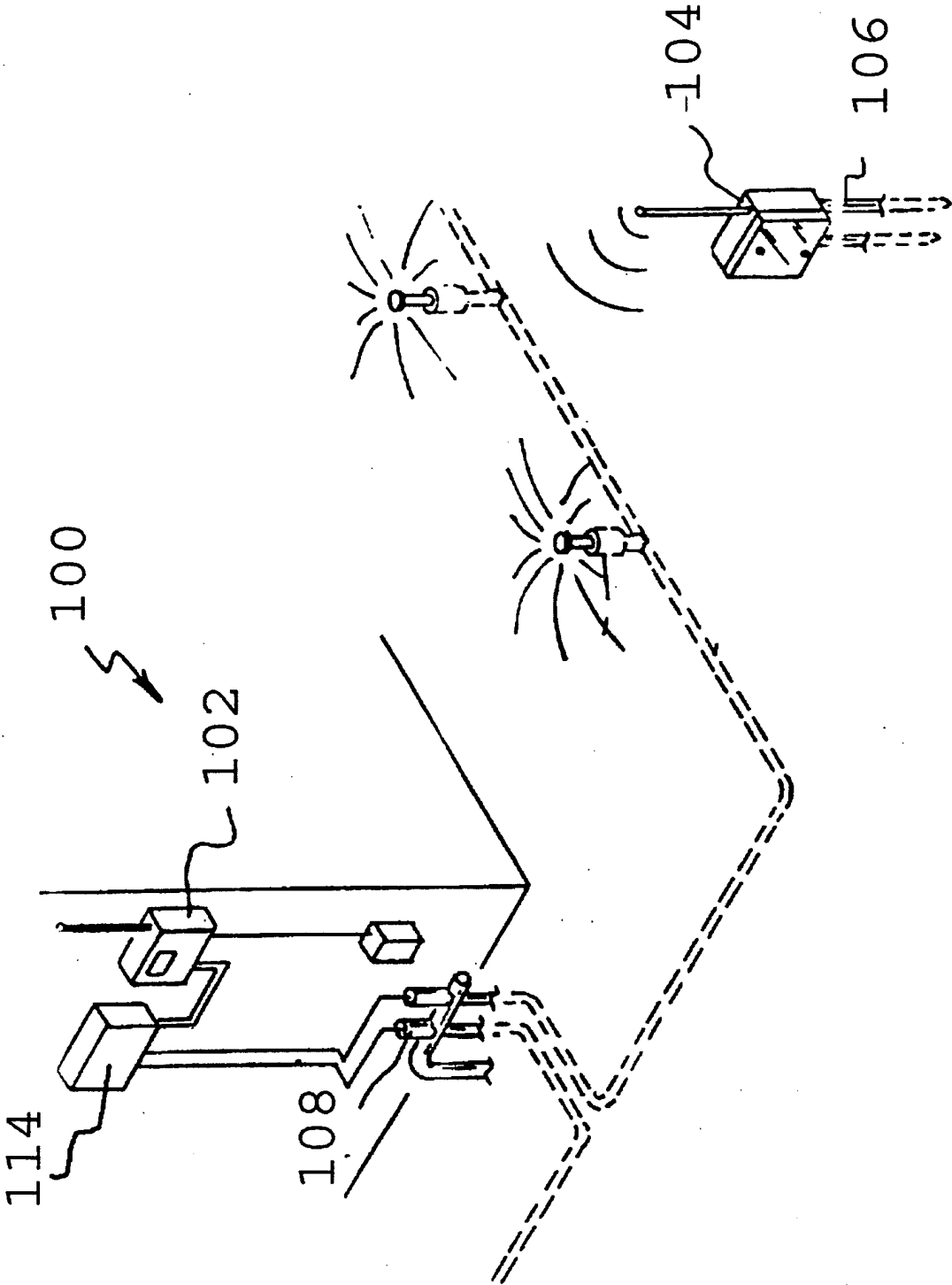


FIGURE 1 - PRIOR ART



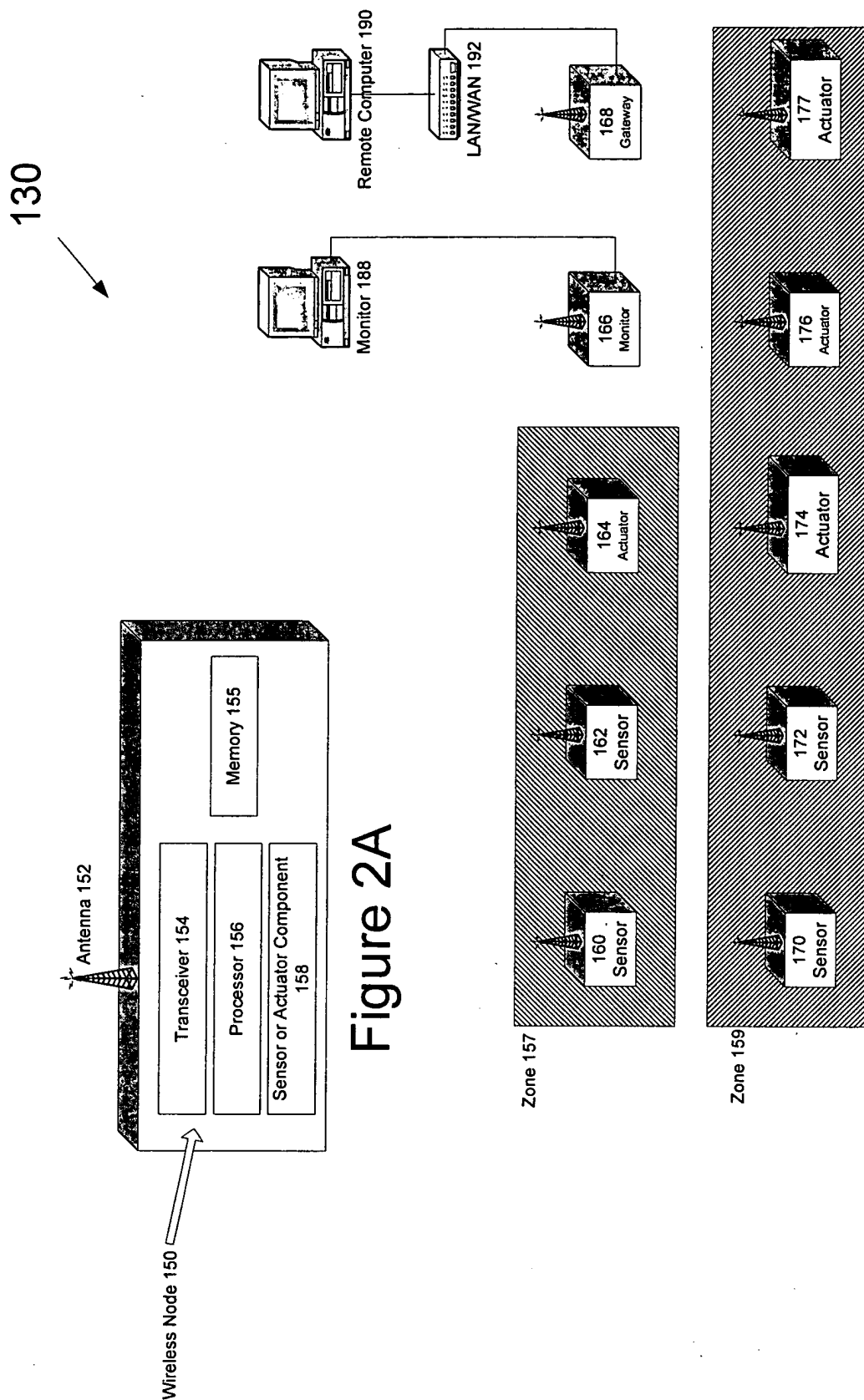


Figure 2



Figure 4 - Transceiver Routing

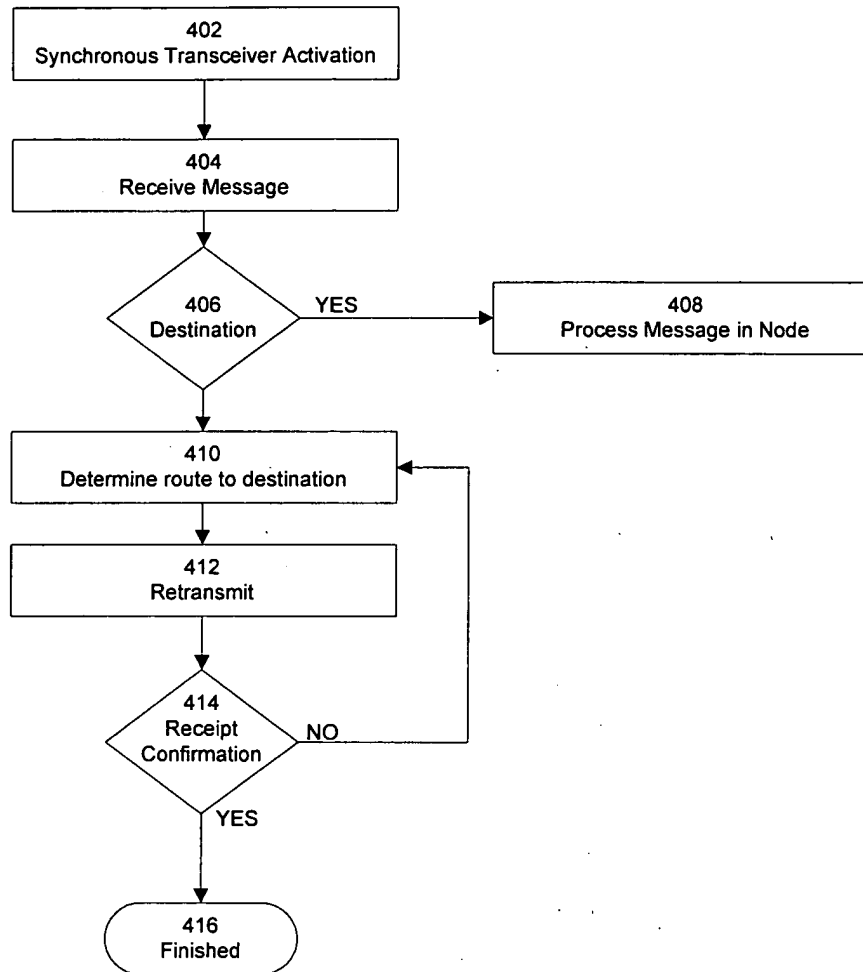


Figure 5 - Sensor Data Routing

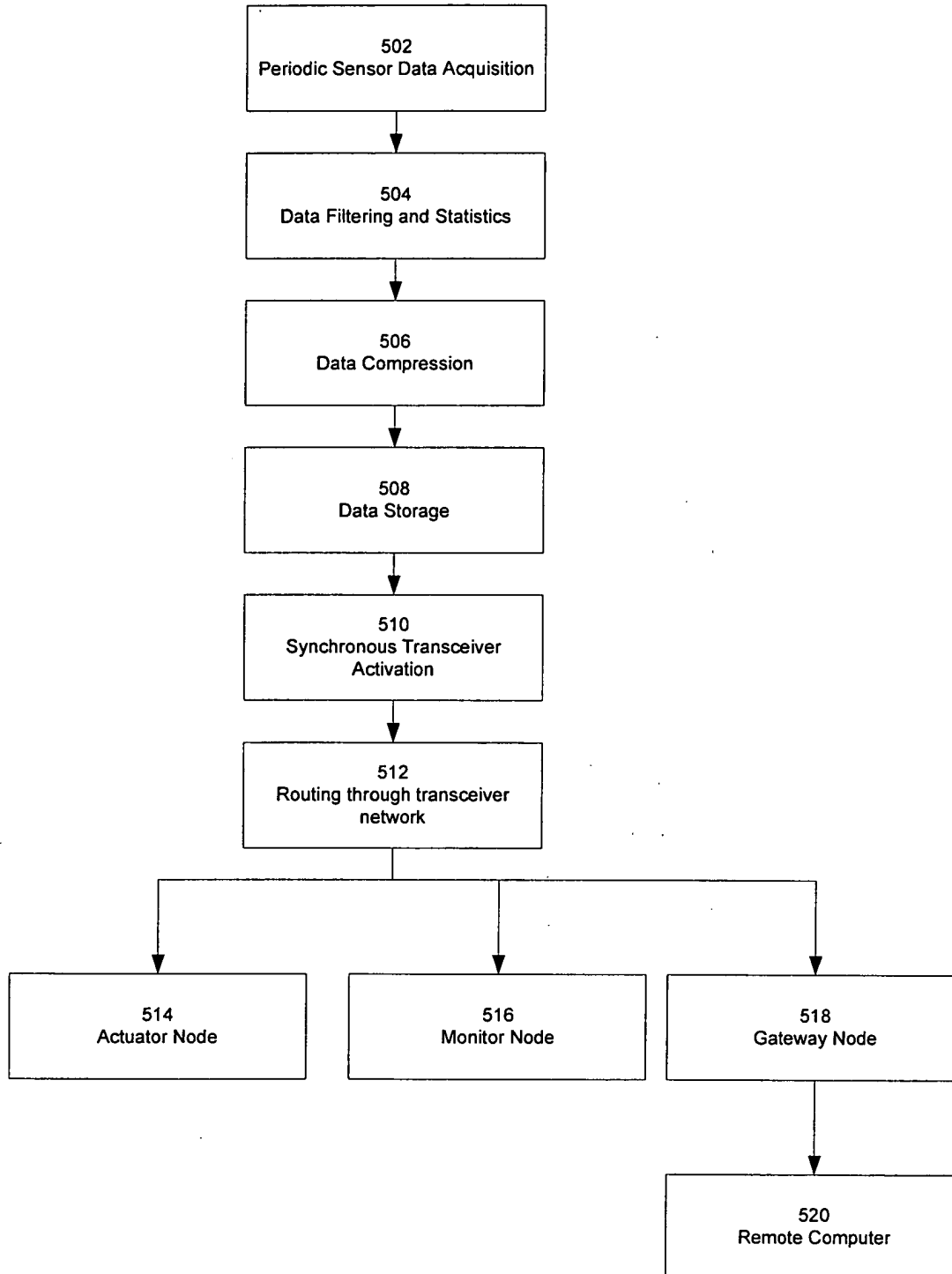


Figure 6 - Transceiver Synchronization

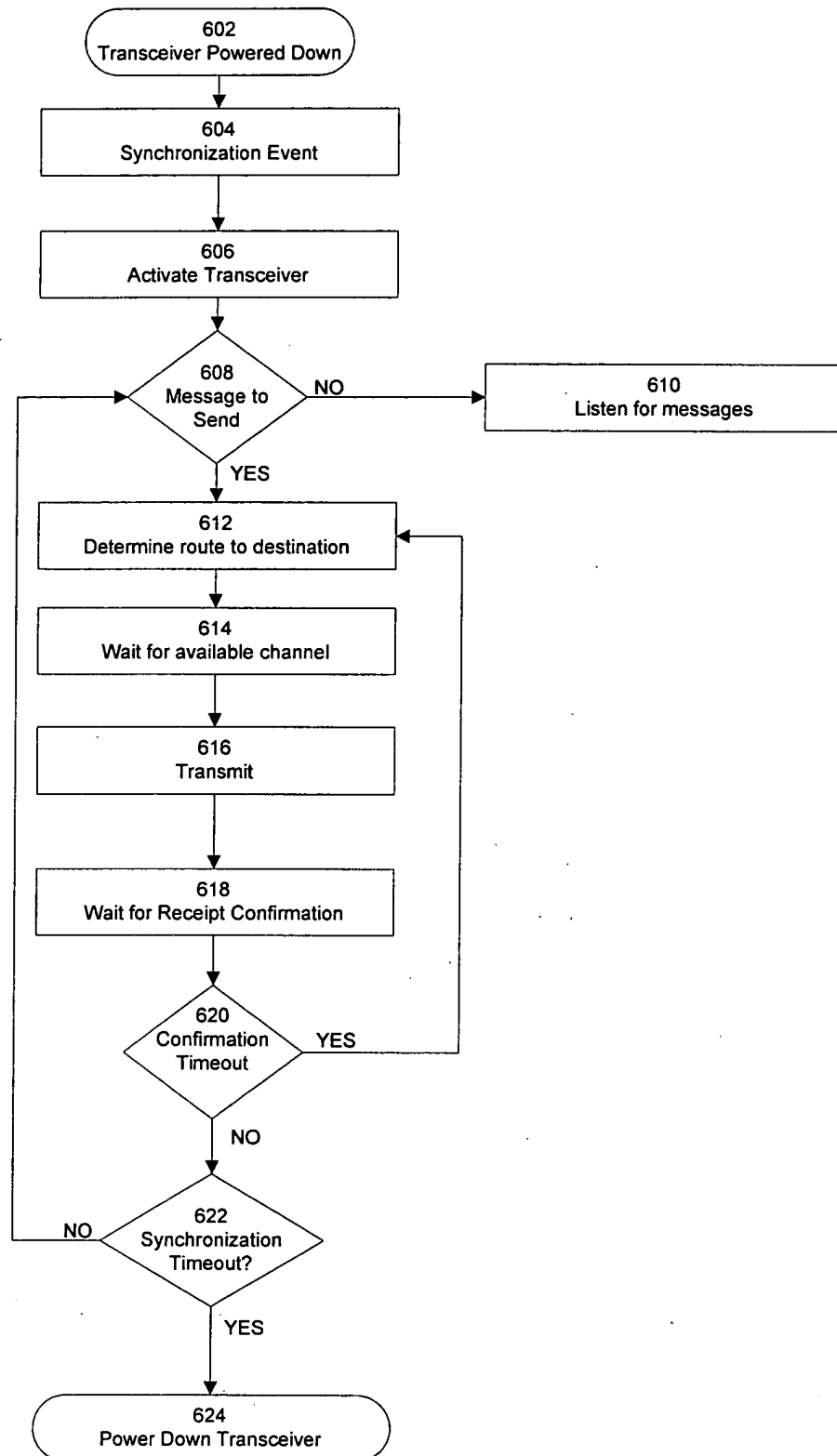


Figure 7 - Diagram of Soil Probe

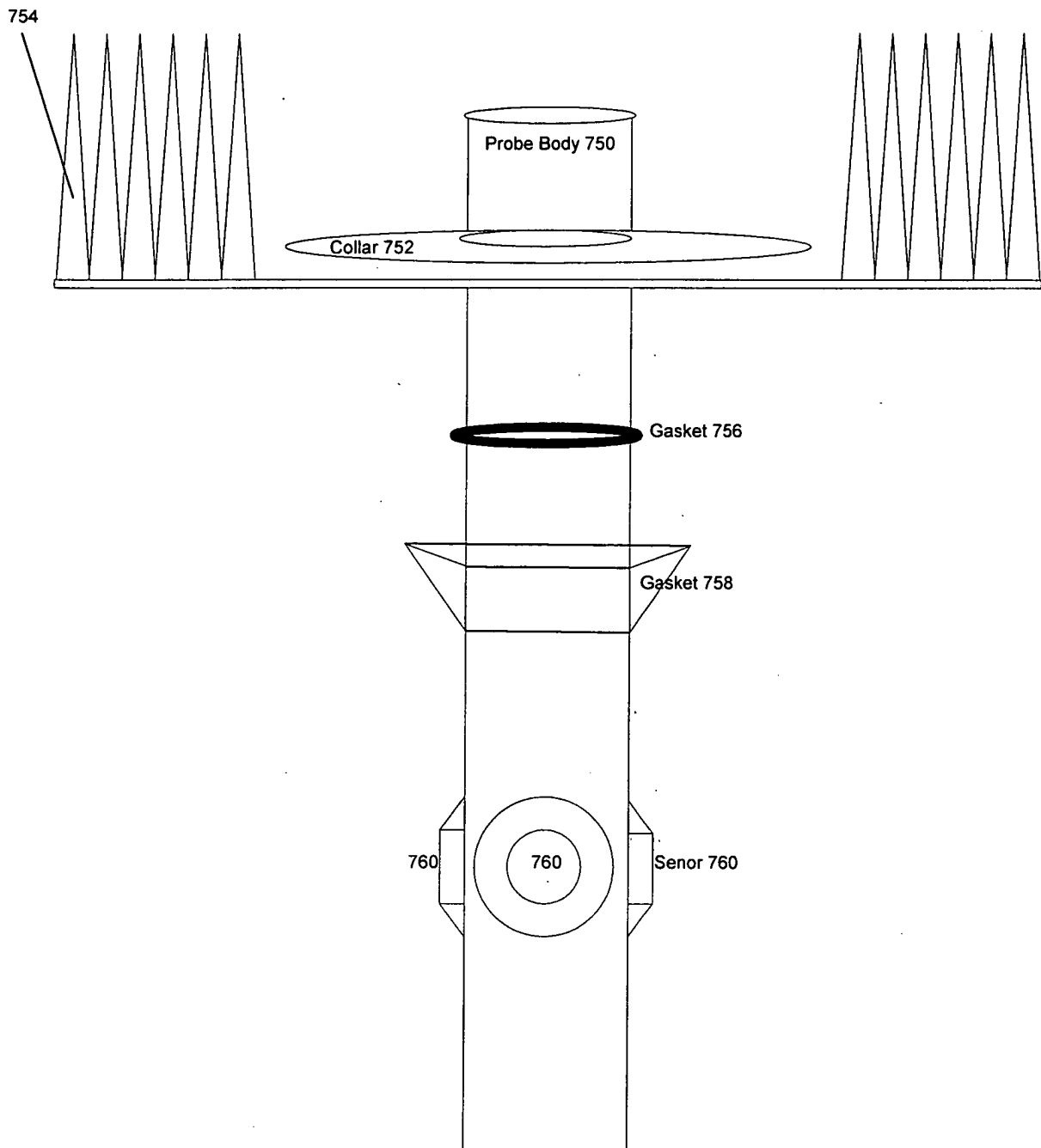


Figure 8 - Separable Probe Body

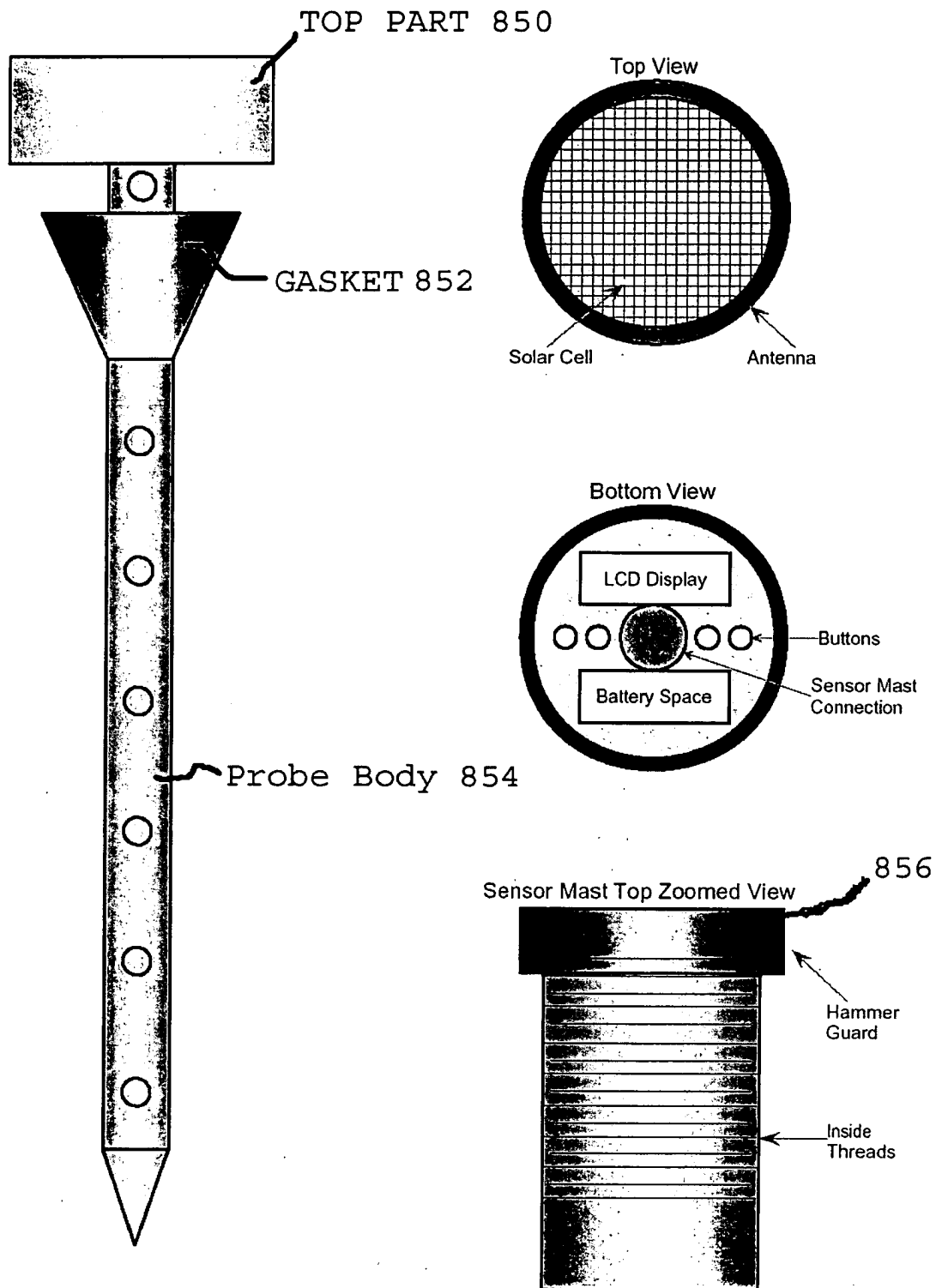




Figure 9

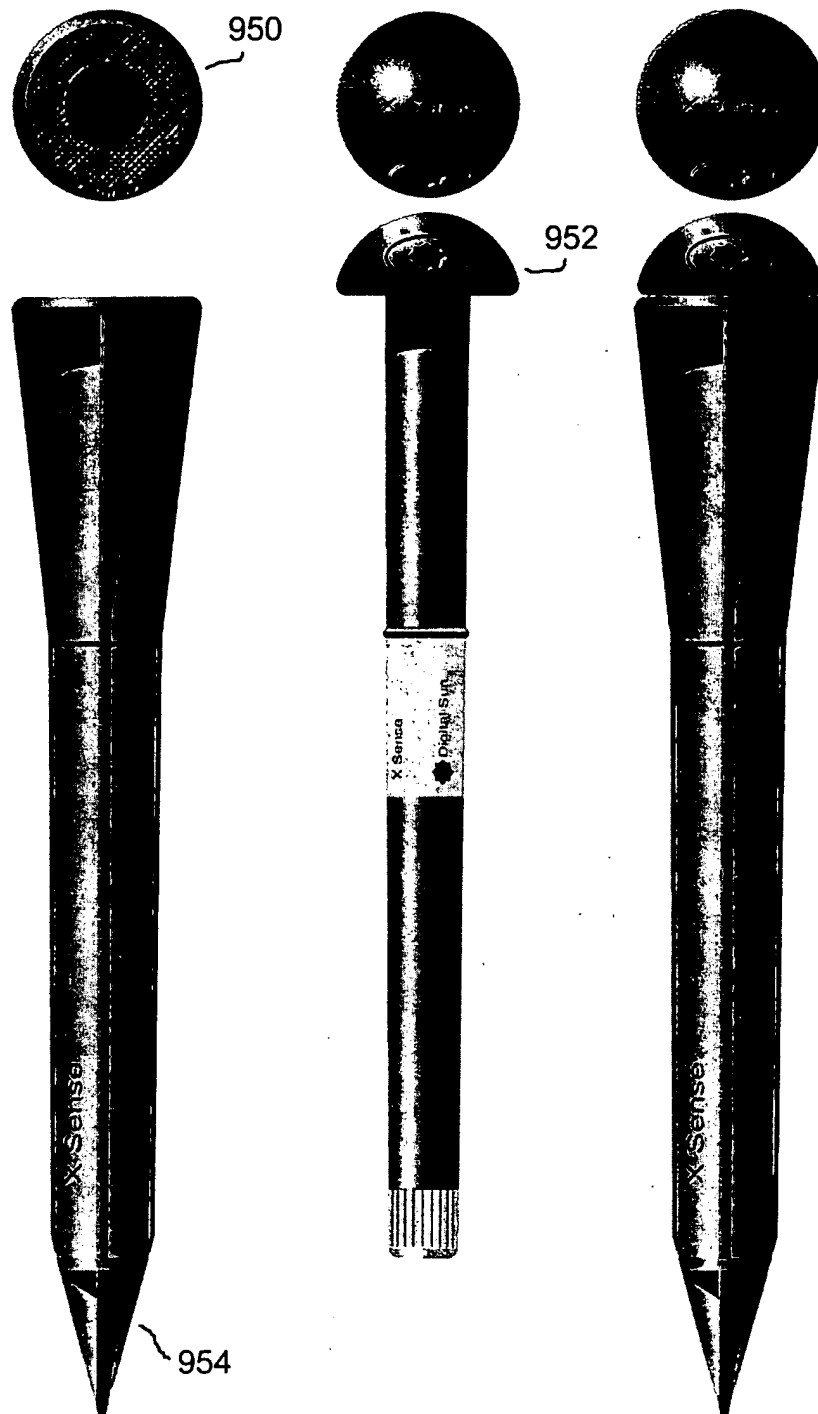


Figure 10 - Configuration and Dimensions of Probe Body

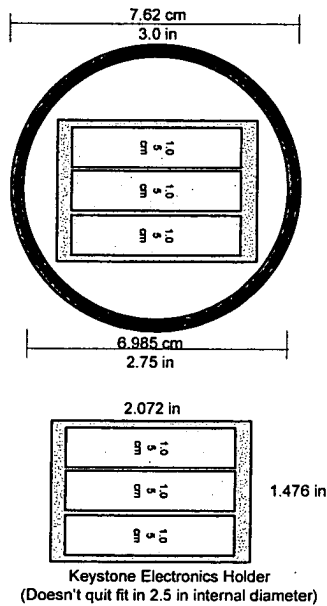
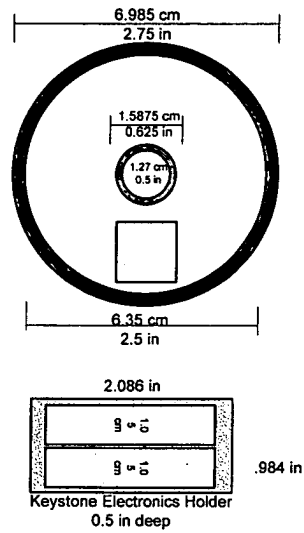


Figure 10A

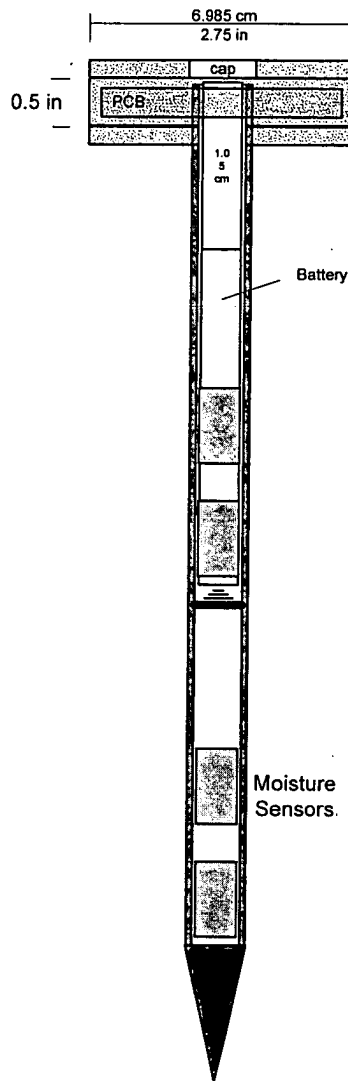


Figure 10B

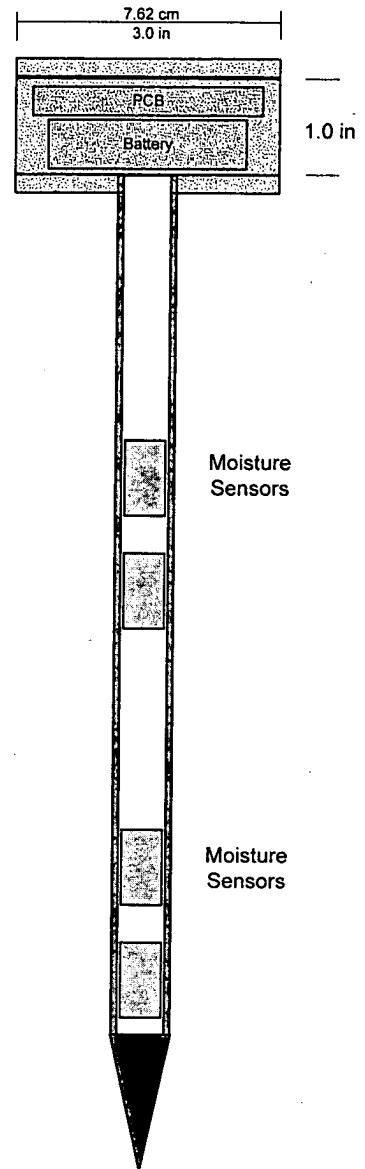


Figure 11 - Probe Shapes

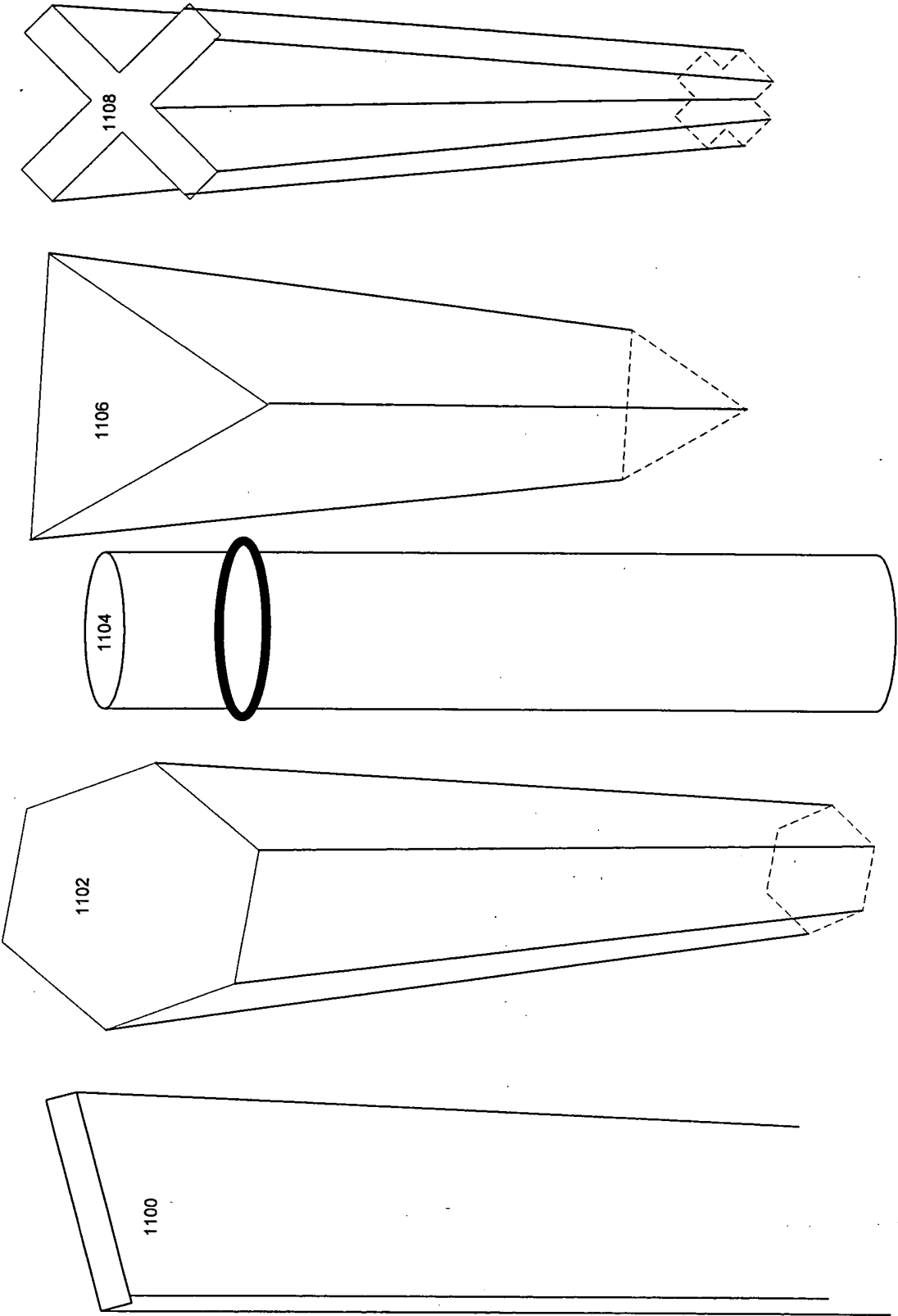
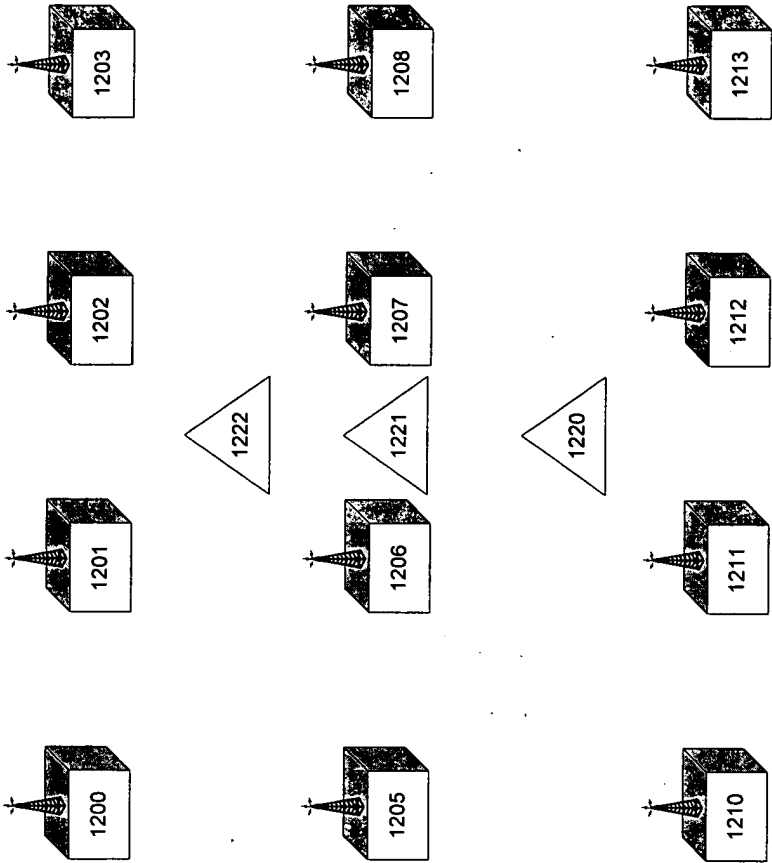


Figure 12 - Occupancy Detection



### Figure 13 - Common Line Control

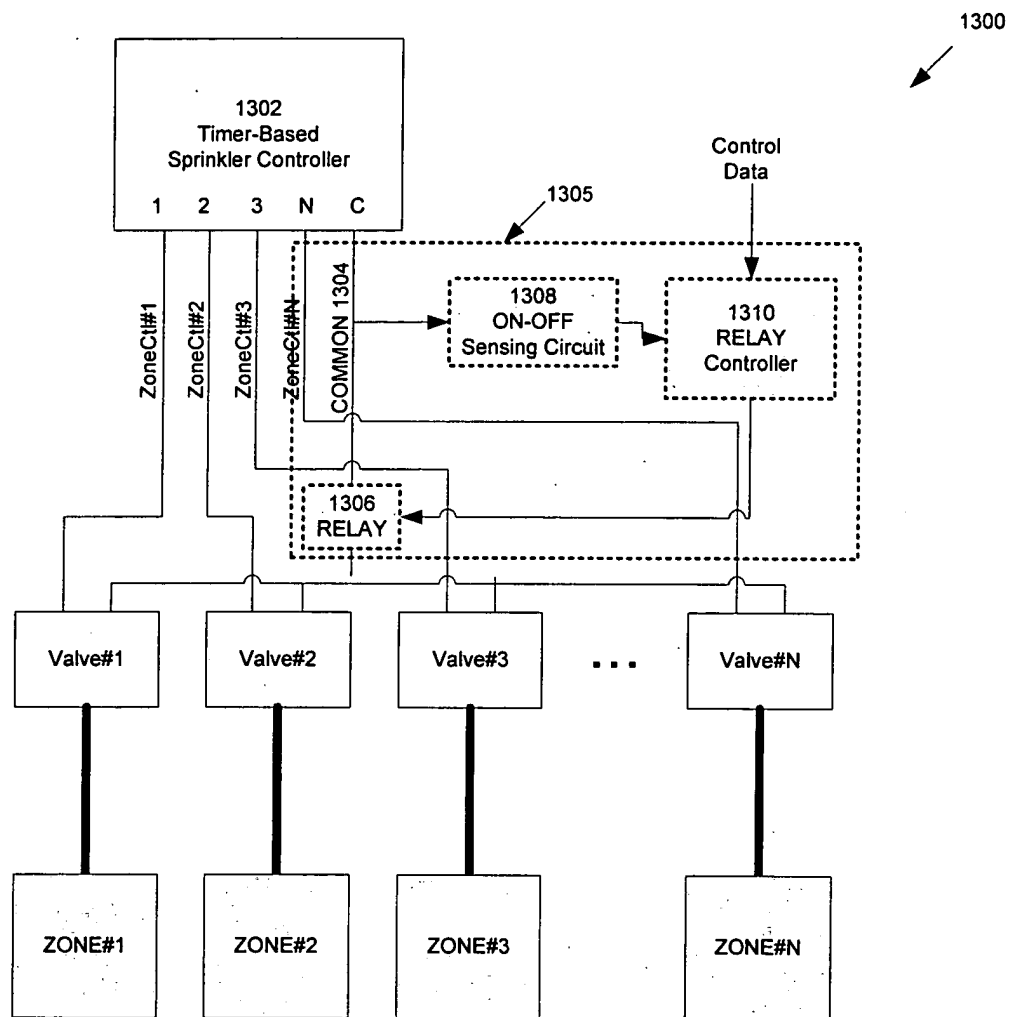


Figure 14

